


<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NJD 088 630 705</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone # <b>800-424-8802</b>	4. Manifest Tracking Number <b>012264559 JJK</b>	
5. Generator's Name and Mailing Address <b>US EPA Region 2-Superior Barrel &amp; Drum Site 2890 Woodbridge Ave., MS 211, Edison, NJ 08837 (732) 321-4454 Attn: Keith Glenn</b>			Generator's Site Address (if different than mailing address) <b>768 Jacob Harris Lane, Elk Township, NJ 08028</b>			
6. Transporter 1 Company Name <b>SJ Transportation Company</b>			U.S. EPA ID Number <b>NJD 071 629 978</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Cycle Chem, Inc. 650 Industrial Dr., Lewisberry, PA 17339 (717) 938-4700</b>			U.S. EPA ID Number <b>PAD 037 068 822</b>			
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
X	1. RQ, UN2924, Waste Flammable Liquids, Corrosive, N.O.S., 3(8), II (Petroleum Distillates, Sodium Hydroxide)	30 DF	1124	G	D001	D002
X	2. RQ, UN2924, Waste Flammable Liquids, Corrosive, N.O.S., 3(8), II (Petroleum Distillates, Sodium Hydroxide)	3 TP	410	G	D001	D002
X	3. RQ, UN2924, Waste Flammable Liquids, Corrosive, N.O.S., 3(8), II (Petroleum Distillates, Hydrochloric Acid)	9 DF	255	G	D001	D002
X	4. RQ, UN1263, Waste Paint Related Material, 3, II	2 DM	120	G	D001	D035
14. Special Handling Instructions and Additional Information 1: App# WR3B-G ERG132 (Item 3)(Drums) 2: App# WR3B-G ERG132 (Item 3)(Totes) 3: App# WAS-P ERG132 (Item 5) 4: App# FM1-M ERG128 (Item 6)(Drums) Generator#CAP034 Job# ROAN-SSCH-						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <b>Margaret Greger</b>		Signature <i>Margaret Greger</i>		Month Day Year <b>05 07 14</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>William H. Fish</b>		Signature <i>William H. Fish</i>		Month Day Year <b>05 07 14</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
<input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Number: _____ U.S. EPA ID Number _____						
Month Day Year						
4. _____						
18a. _____						
Month Day Year						
GENERATOR'S INITIAL COPY						

**SUBCONTRACT**

**3**

**310415**



# U.S. EPA Form 8700-22

Read all instructions before completing this form.

1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700-22) and, if necessary, the continuation sheet (EPA Form 8700-22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 30 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the PRA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Do not send the completed form to this address.

## I. Instructions for Generators

### Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

### Item 2. Page 1 of \_\_\_\_

Enter the total number of pages used to complete this Manifest (i.e., the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

### Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

**Note:** Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (e.g., consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

### Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

### Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

### Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

### Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

### Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

### Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

**Item 9a.** If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

**Item 9b.** Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

**Note:** If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

### Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.—TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

### Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste: Round partial units to the nearest whole unit, and do not enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

### Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II.—UNITS OF MEASURE

G = Gallons (liquids only).	N = Cubic Meters.
K = Kilograms.	P = Pounds.
L = Liters (liquids only).	T = Tons (2000 Pounds).
M = Metric Tons (1000 kilograms).	Y = Cubic Yards.

**Note:** Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

### Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

### Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.

2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

### Item 15. Generator's/Officer's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

**Note:** All of the above information except the handwritten signature required in Item 15 may be pre-printed.

**GENERATOR'S INITIAL COPY**

**Instructions—Continuation Sheet**  
**U.S. EPA Form 8700-22A**

Read all instructions before completing this form. This form has been designed for use on a 12-pitch (elite) typewriter; a firm point pen may also be used—press down hard.

This form must be used as a continuation sheet to U.S. EPA Form 8700-22 if:

- More than two transporters are to be used to transport the waste; or
- More space is required for the U.S. DOT descriptions and related information in Item 9 of U.S. EPA Form 8700-22.

Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, or disposal facilities to use the uniform hazardous waste manifest (EPA Form 8700-22) and, if necessary, this continuation sheet (EPA Form 8700-22A) for both interstate and intrastate transportation.

**I. Instructions for Generators**

**Item 21. Generator's ID Number**

Enter the generator's U.S. EPA twelve digit identification number or, the State generator identification number if the generator site does not have an EPA identification number.

**Item 22. Page \_\_\_\_**

Enter the page number of this Continuation Sheet.

**Item 23. Manifest Tracking Number**

Enter the Manifest Tracking number from Item 4 of the Manifest form to which this continuation sheet is attached.

**Item 24. Generator's Name—**

Enter the generator's name as it appears in Item 5 on the first page of the Manifest.

**Item 25. Transporter—Company Name**

If additional transporters are used to transport the waste described on this Manifest, enter the company name of each additional transporter in the order in which they will transport the waste. Enter after the word "Transporter" the order of the transporter. For example, Transporter 3 Company Name. Also enter the U.S. EPA twelve digit identification number of the transporter described in Item 25.

**Item 26. Transporter—Company Name**

If additional transporters are used to transport the waste described on this Manifest, enter the company name of each additional transporter in the order in which they will transport the waste. Enter after the word "Transporter" the order of the transporter. For example, Transporter 4 Company Name. Each Continuation Sheet can record the names of two additional transporters. Also enter the U.S. EPA twelve digit identification number of the transporter named in Item 26.

**Item 27. U.S. D.O.T. Description Including Proper Shipping Name, Hazardous Class, and ID Number (UN/NA)**

For each row enter a sequential number under Item 27b that corresponds to the order of waste codes from one continuation sheet to the next, to reflect the total number of wastes being shipped. Refer to instructions for Item 9 of the manifest for the information to be entered.

**Item 28. Containers (No. And Type)**

Refer to the instructions for Item 10 of the manifest for information to be entered.

**Item 29. Total Quantity**

Refer to the instructions for Item 11 of the manifest form.

**Item 30. Units of Measure (Weight/Volume)**

Refer to the instructions for Item 12 of the manifest form.

**Item 31. Waste Codes**

Refer to the instructions for Item 13 of the manifest form.

**Item 32. Special Handling Instructions and Additional Information**

Refer to the instructions for Item 14 of the manifest form.

Generator Name: USEPA-Superior Barrel & Drum

Generator EPA ID #: NJD 986 630 705

Manifest #: 012264559JJK

## LAND DISPOSAL RESTRICTION

### NOTIFICATION AND CERTIFICATION FORM

This land disposal restriction (LDR) notification must be submitted with the initial shipment of all new waste streams. Subsequent notification is not required unless the waste stream changes. All sections **MUST** be completed. **INSTRUCTION**

**WASTE STREAM INFORMATION** – For each manifest line complete the following sections. For LDR's previously submitted or LAB PACK's with packing slips indicate such in column A or B and stop.

Line #	A LDR on file Non RCRA	B Lab Pack & Packing Slip	C EPA Waste Codes and subcategory reference letter from table (if applicable)	D Treatability Group WW Wastewater < 1% TOC < 1% TSS NWW/ Not WW	E F001 to F005 list numbers of Spent Solvent Constituents	F Treatment Method for Hazardous Waste per 40CFR268 Requires treatment mark which standard applies For At SOIL Treatment Complete certification below	Meets LDR treatment standards 40CFR268 Listed Waste Certify below
1	<input type="checkbox"/>	<input type="checkbox"/>	D001A, D002	<input checked="" type="checkbox"/> NWW <input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other <input type="checkbox"/> SOIL <input type="checkbox"/> DEBRIS	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	D001A, D002	<input checked="" type="checkbox"/> NWW <input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other <input type="checkbox"/> SOIL <input type="checkbox"/> DEBRIS	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	D001A, D002	<input checked="" type="checkbox"/> NWW <input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other <input type="checkbox"/> SOIL <input type="checkbox"/> DEBRIS	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	D001A, D035	<input checked="" type="checkbox"/> NWW <input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other <input type="checkbox"/> SOIL <input type="checkbox"/> DEBRIS	<input type="checkbox"/>

### ADDITIONAL INFORMATION FOR CHARACTERISTIC CODES D001 to D043. (check one)

☒ Some or all of these waste streams contain underlying hazardous constituents (UHCs) in excess of the treatment standard of 40CFR268.40. These are indicated on the UHC/UTS table section of this LDR form or included on the waste profile.

☐ There are no underlying hazardous constituents (UHCs) present in any of these waste streams.

### SUBCATEGORY LETTER TABLE

D001	A	Ignitable except high TOC ignitable liquids
	B	High TOC (> 10%) ignitable liquid
D003	A	Reactive sulfide
	B	Reactive cyanide
	C	Water reactive
	D	Other reactive
D006	A	Cadmium non-battery
	B	Cadmium containing batteries
D008	A	Lead non-battery
	B	Lead acid batteries
D009	A	High mercury organic (>260 PPM Total Hg)
	B	High mercury inorganic (> 260 PPM Total Hg)
	C	Low mercury (< 260 PPM Total Hg)
	D	Mercury wastewater

### SPENT SOLVENT WASTE CONSTITUENTS

For F001-F005 indicate number of constituent in above table

- |                         |   |
|-------------------------|---|
| 1) acetone              | 15) methanol                              |
| 2) benzene              | 16) methylene chloride                    |
| 3) n-butyl alcohol      | 17) methyl ethyl ketone                   |
| 4) iso-butyl alcohol    | 18) methyl isobutyl ketone                |
| 5) carbon disulfide     | 19) nitrobenzene                          |
| 6) carbon tetrachloride | 20) pyridine                              |
| 7) chlorobenzene        | 21) tetrachloroethylene (Perc)            |
| 8) Cresols [o, m or p]  | 22) toluene                               |
| 9) cresylic acid        | 23) 1,1,1-trichloroethane                 |
| 10) cyclohexanone       | 24) 1,1,2-trichloroethane                 |
| 11) o-dichlorobenzene   | 25) trichloroethylene                     |
| 12) ethyl acetate       | 26) trichloromonofluoromethane            |
| 13) ethyl benzene       | 27) 1,1,2-trichloro-1,2,2-trifluoroethane |
| 14) ethyl ether         | 28) xylenes                               |

☐ **This SOIL CERTIFICATION per alternate soil treatment {268.49} for indicated [circle] items.**

This is a hazardous waste contaminated soil. This contaminated soil **does/does not** (circle one) contain listed hazardous wastes and **does/does not** (circle one) exhibit a characteristic of hazardous waste and is **subject to/complies with** (circle one) the soil treatment standards as provided by 268.49(c) or the universal treatment standards.

☐ **This Certification for material that meets treatment standards applies to the above listed items.**

This is an EPA hazardous waste that meets all applicable treatment standards set forth in 40 CFR 268 subpart D, and can be landfilled without further treatment. I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or thorough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

**CERTIFICATION- All section MUST be completed:** I certify that all information on this and all associated documents is complete and accurate to the best of my knowledge.

Signature: Margaret Gregor

Printed Name: Margaret Gregor

Title: On-Scene Coordinator

Date: 05/07/2014

Generator Copy

**WASTE STREAM INFORMATION for continuation pages**—Complete for each line of continuation page Also complete UTS UHC page.

	A	B	C	D Treatability Group	E	Treatment Method for Hazardous Waste per 40CFR268	
Line #	LDR on file	Lab Pack & Packing Slip	EPA Waste Codes and subcategory reference letter from table (if applicable)	WW Wastewater < 1% TOC < 1% TSS	F001 to F005 list numbers of Spent Solvent Constituents	Requires treatment mark which standard applies	Meets LDR treatment standards 40CFR268 Listed Waste Certify below
	Non RCRA			NWW Not WW		For All SOIL Treatment Complete certification below	

**For Page #2 Continuation**

5	<input type="checkbox"/>	<input type="checkbox"/>	D001,D035	<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
11	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
12	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
13	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
14	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

**For Page #3 Continuation**

15	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
16	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
17	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
18	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
19	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
20	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
21	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
22	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
23	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
24	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

**For Page #4 Continuation**

25	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
26	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
27	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
28	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
29	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
30	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
31	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
32	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
33	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
34	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

**UNDERLYING HAZARDOUS CONSTITUENTS {UHC}**  
**UNIVERSAL TREATMENT STANDARDS UTS**

Per 40 CFR 268(2)(i) all UHS's for characteristically wastes (EPA codes D001-D043) must be listed if concentrations are greater than the UTS. List all manifest lines for which contain UCH's. F001-F005 constituents or constituents with waste codes {U, P, and D004-D043} previously identified DO NOT need to be listed again.

Manifest Line	COMPOUNDS	WW/NWW
A2213		0.042/1.4
Acenaphthylene		0.59/3.4
Acenaphthene		0.059/3.4
Acetone		0.28/160
Acetonitrile		5.8/38
Acetophenone		0.019/7
2-Acetylaminofluorene		0.059/140
Acrolein		0.29/NA
Acrylamide		19/23
Acrylonitrile		0.24/84
Aldicarb sulfone		0.056/0.28
Aldrin		0.021/0.068
4-Aminobiphenyl		0.13/NA
Aniline		0.81/14
Anthracene		0.059/3.4
Aramite		0.38/NA
alpha-BHC		0.00014/0.068
beta-BHC		0.00014/0.068
delta-BHC		0.023/0.068
gamma-BHC		0.0017/0.068
Barban		0.059/1.4
Bendiocarb		0.059/1.4
Bendiocarb phenol		0.059/1.4
Benomyl		0.059/1.4
Benzene		0.14/10
Benz (a) anthracene		0.059/3.4
Benzal chloride		0.055/6
Benzo (b) fluoranthene		0.11/6.8
Benzo (k) fluoranthene		0.11/6.8
Benzo (g,h,i) perylene		0.0055/1.8
Benzo (e) pyrene		0.081/3.4
Bromodichloromethane		0.35/15
Bromomethane/Methyl bromide		0.11/15
4-Bromophenyl phenyl ether		0.055/15
n-Butyl alcohol		5.6/2.6
Butylate		0.042/1.4
Butyl benzyl phthalate		0.017/28
2-sec-Butyl-4,6-dinitrophenol		0.068/2.5
Dinoseb		
Carbaryl		0.006/0.14
Carbenzadim		0.059/1.4
Carbofuran		0.009/0.14
Carbofuran phenol		0.059/1.4
Carbon disulfide		3.8/4.8 mg/l TCLP
Carbon Tetrachloride		0.057/6
Carbosulfon		0.028/1.4
Chlorodane (alpha and gamma isomers)		0.0033/0.26/0.48/1.6
p-Chloroaniline		
Chlorobenzene		0.057/6
Chlorobenzilate		0.1/NA
2-Chloro-1,3-butadiene		0.057/0.28
Chlorodibromomethane		0.057 15
Chloroethane		0.27/6
Bis(2-Chloroethoxy) methane		0.036/7.2
Bis(2-Chloroethyl) ether		0.033/6
Chloroform		0.046/6
Bis (2-Chloroisopropyl) ether		0.055/7.2
p-Chloro-m-cresol		0.018/14
2-Chloroethyl vinyl ether		0.062/NA
Chloromethane/Methyl chloride		0.19/30
2-Chloronaphthalene		0.056/5.6
2-Chlorophenol		0.044/5.7
3-Chloropropylene		0.036/30
Chrysene		0.059/3.4
o-cresol		0.11/5.6
m-cresol		0.77/5.6
p-cresol		0.77/5.6
m-Cumenyl methylcarbonate		0.059/1.4
Cyclohexanone		0.36/0.75 mg/l TCLP
o,p'-DDD		0.023/0.087
p,p'-DDD		0.023/0.087
o,p'-DDE		0.031/0.087
p,p'-DDE		0.031/0.087
o,p'-DDT		0.0039/0.087
p,p'-DDT		0.0039/0.087
Dibenz (a,h) anthracene		0.055/88.2
Dibenz (a,e) pyrene		0.061/NA
1,2-Dibromo-3-chloropropane		0.11/15
1,2-Dibromomethane/Ethylenedibromide		0.028/15
Dibromomethane		0.11/15
m-dichlorobenzene		0.036/6
o-Dichlorobenzene		0.088/6
p-Dichlorobenzene		0.09/6
Dichlorodifluoromethane		0.23/7.2
1,1-Dichloroethane		0.059/6
1,2-Dichloroethane		0.21/6
1,1-Dichloroethylene		0.025/6
trans-1,2-Dichloroethylene		0.054/30
2,4-Dichlorophenol		0.044/14
2,6-Dichlorophenol		0.044/14
2,4-Dichlorophenoxyacetic acid/2,4-D		0.72/10
1,2-Dichloropropane		0.85/18
cis-1,2-Dichloropropylene		0.036/18
trans-1,2-Dichloropropylene		0.036/18
Dieldrin		0.017/0.13
Diethylene glycol, dicarbamate		0.056/1.4

Manifest Line	COMPOUNDS	WW/NWW
Diethyl phthalate		0.2/28
Dimethylanilinoazobenzene		0.13/NA
2,4-Dimethyl phenol		0.036/14
Dimethyl phthalate		0.047/28
Dimetilan		0.056/1.4
Di-n-butyl phthalate		0.057/28
1,4-Dinitrobenzene		0.32/2.3
4,6-Dinitro-o-cresol		0.28/160
2,4-Dinitrophenol		0.12/160
2,4-Dinitrotoluene		0.32/140
2,6-Dinitrotoluene		0.55/28
Di-n-octyl phthalate		0.017/28
Di-n-propylnitrosamine		0.4/14
1,4-Dioxane		12/170
Diphenylamine		0.92/13
diphenylnitrosamine		
Diphenylnitrosamine diphenylamine		0.92/13
1,2-Diphenylhydrazine		0.087/NA
Disulfoton		0.017/8.2
Dithiocarbamates (total)		0.028/28
Endosulfen I		0.023/0.068
Endosulfen		0.029/0.13
Endosulfen sulfate		0.029/0.13
Endrin		0.0028/0.13
Endrin aldehyde		0.025/0.13
EPTC		0.042/1.4
Ethyl acetate		0.34/33
Ethyl benzene		0.057/10
Ethyl cyanide/Propanenitrile		0.24/360
Ethyl ether		0.12/160
bis (2-Ethylhexyl) phthalate		0.28/28
Ethyl methacrylate		0.14/160
Ethylene oxide		0.12/NA
Famphur		0.017/15
Fluoranthene		3.4/1.4
Fluorene		0.059/3.4
Formetanate hydrochloride		0.056/1.4
Formersate		0.056/1.4
Heptachlor		0.0012/0.068
Heptachlor epoxide		0.016/0.068
Hexachlorobenzene		0.055/10
Hexachlorobutadiene		0.055/5.6
Hexachlorocyclopentadiene		0.057/2.4
HxCDDs (all Hexachlorodibenzo p-dioxins)		0.000063/0.001
HxCDFs (all Hexachlorodibenzo-furans)		0.000063/0.001
Hexachloroethane		0.055/30
Hexachloropropylene		0.035/30
Indeno (1,2,3-c,d) pyrene		0.0055/3.4
Iodomethane		0.19/65
Isobutyl alcohol		5.6/170
Isodrin		0.021/0.068
Isolan		0.056/1.4
Isosafrole		0.081/2.6
Kepone		0.0011/0.13
Methylacrylonitrile		0.24/84
Methanol		5.6/0.75 mg/l TCLP
Methapyrene		0.081/1.5
Methiocarb		0.056/1.4
Methomyl		0.028/1.14
Methoxychlor		0.25/0.18
3-Methylcholanthrene		0.0055/15
4,4-Methylene bis(2-chloroaniline)		0.5/30
Methylene chloride		0.089/30
Methyl ethyl ketone		0.28/36
Methyl isobutyl ketone		0.14/33
Methyl methacrylate		0.14/160
Methyl methansulfonate		0.018/NA
Methyl parathion		0.014/4.6
Metolcarb		0.056/1.4
Mexacarbate		0.056/1.4
Molinate		0.042/1.4
Naphthalene		0.059/5.6
2-Naphthylamine		0.52/NA
o-Nitroaniline		0.27/14
p-nitroaniline		0.028/28
Nitrobenzene		0.068/14
5-Nitro-o-toluidine		0.32/28
o-Nitrophenol		0.028/13
p-nitrophenol		0.12/28
N-Nitrosodimethylamine		0.4/28
N-Nitrosodimethylamine		0.4/2.3
N-Nitroso-di-n-butylamine		0.4/17
N-Nitrosomethylamine		0.4/2.3
N-Nitrosomorpholine		0.4/2.3
N-Nitrosopiperidine		0.013/35
N-Nitrosopyrrolidine		0.013/35
Oxamyl		0.056/0.28
Parathion		0.014/4.6
Total PCBs (sum of all PCB isomers, or all Aroclors)		0.1/10
Pebulate		0.042/1.4
Pentachlorobenzene		0.055/10
PeCDDs (All Pentachlorodibenzo p-dioxins)		0.000063/0.001
PeCDFs (All Pentachloro-benzofurans)		0.000035/0.001
Pentachloroethane		0.055/6

Manifest Line	COMPOUNDS	WW/NWW
Pentachloronitrobenzene		0.055/4.8
Pentachlorophenol		0.089/7.4
Phenacetin		0.081/16
Phenanthrene		0.056/5.6
Phenol		0.036/6.2
o-phenylenediamine		0.056/5.6
Phorate		0.021/4.6
Phthalic acid		0.055/28
Phthalic anhydride		0.055/28
Phytostigmine		0.056/1.4
Phytostigmine salicylate		0.056/1.4
Promecarb		0.056/1.4
Pronamide		0.093/1.5
Propam		0.056/1.4
Propoxur		0.056/1.4
Prosulcarb		0.042/1.4
Pyrene		0.067/6.2
Pyridine		0.014/18
Safrole		0.081/22/0.72/7.9
Silvex/2,4,5-TP		
1,2,4,5-Tetrachlorobenzene		0.055/14
TCDDs (All Tetrachlorodibenzo)		0.000063/0.001
TCDFs (All Tetrachloro-dibenzofurans)		0.000063/0.001
1,1,1,2-Tetrachloroethane		0.057/6
1,1,2,2-Tetrachloroethane		0.057/6
Tetrachloroethylene		0.056/6
2,3,4,6-Tetrachlorophenol		0.037/4
Thiodicarb		0.019/1.4
Thiophanate-methyl		0.056/1.4
Tirpate		0.056/0.28
Toluene		0.08/10
Toxaphene		0.0095/2.6
Triallate		0.042/1.4
Tribromomethane/Bromoform		0.83/15
2,4,6-Tribromophenol		0.035/7.4
1,2,4-Trichlorobenzene		0.055/19
1,1,1-Trichloroethane		0.054/6
1,1,2-Trichloroethane		0.054/6
Trichloroethylene		0.054/6
Trichloromono-fluoromethane		0.02/30
2,4,5-Trichlorophenol		0.18/7.4
2,4,6-Trichlorophenol		0.035/7.4
2,4,5-Trichlorophenoxyacetic acid		0.72/7.9
1,2,3-Trichloropropane		0.85/30
1,1,2-Trichloro-1,2,2-trifluoroethane		0.057/30
Triethanolamine		0.081/1.5
Iris-(2,3-Dibromopropyl) phosphate		0.11/0.1
Verolate		0.042/1.4
Vinyl chloride		0.27/6
Xylenes-mixed isomers (sum of o-, m- and p-xylenes)		0.32/30
METALS		mg/l TCLP
		WW/NWW
Antimony		1.9/1.15
Arsenic		1.4/5.0
Barium		1.2/21
Beryllium		0.82/1.22 CLP
Cadmium		0.89/0.11
Chromium (Total)		2.77/0.60
Cyanides (Total) 4		1.25/90
Cyanides (Amenable) 4		0.86/30
Fluoride 5		35/NA
Lead		0.69/0.75
Mercury - NWW from Retort		NA/0.20 P
Mercury - All Others		0.15/0.025
Nickel		3.98/11
Selenium 5		0.82/5.7
Silver		0.43/0.1
Sulfide 5		14/NA
Thallium		1.4/0.20
Vanadium 5		4.3/1.6

## **INSTRUCTIONS FOR COMPLETING THIS LDR**

USEPA regulations require a Land Disposal Notification be made for the initial shipment of any RCRA hazardous waste stream to a specific facility. This LDR must be kept on file for 3 years past when the last shipment associated with this LDR was shipped.

This LDR is divided into 2 sections. The main page and a continuation page. The main page is for the first four items listed on the manifest. The continuation page is for items listed on any continuation pages associated with the manifest.

**General:** Provide the Generator's Name, EPA ID Number and the Hazardous Waste Manifest Number for this accompanying LDR.

**Waste Stream Information:** For each waste stream on the manifest provide the following.

**Box A:** Indicate if a previously submitted LDR is on file or if this line item is for a lab pack for which an itemized packing slip has been submitted. If on file then additional information is not required as the facility already has a copy of the LDR's. For lab packs indicate only treatability group {Box D} as NWW and OTHER for treatment method {Box F} as all other information is part of the packing slip.

**Box B:** If item is not RCRA hazardous waste indicate such in this box and stop.

**Box C:** List ALL RCRA waste codes that apply to this waste stream. This is not necessary for Lab packs for which there is an itemized packing slip. Also for D001, D003, D006 D008 & D009 indicate the letter of the treatability group as indicated in the "Subcategory Letter Table".

**Box D:** Indicate if this waste stream is a waste water {WW} [<1% TOC and <1% TSS] or non-waste water {NWW}.

**Box E:** For the F001 to F005 solvent wastes indicate the number that corresponds to the specific solvents present as indicated in the "Spent Solvent Waste Constituent Table"

**Box F:** Indicate how this waste stream must be managed. If the waste stream is restricted waste requiring treatment indicate which standard is applicable.

- For SOIL to be treated per 40CFR268.49 check the SOIL box and complete the Certification at the bottom of the page.
- For DEBRIS to be treated per the alternate debris standards of 40CFR268.45 check the DEBRIS box.
- For all other restricted waste that require treatment prior to disposal check the OTHER Box. Use this for Lab packs.

If the hazardous waste stream meets the treatment standards at the point of generation no additional treatment is necessary. Check this box and indicate such in the Certification at the bottom of the page.

### **Additional Information for characteristic codes D001 to D043.**

Characteristic wastes D001 to D043 must be treated for the characteristic and any Underlying Hazardous Constituents {UHC} that may be present in excess of the Universal Treatment Standards {UTS}. The UHC's do not define a hazardous waste but are additional treatment. If none of the waste streams contain UHC's that require treatment check the appropriate box in this section and completion of the UHC/UTS section is not needed.

If any of the waste streams contain UHC's that require treatment the check the first box and complete the UHC/UTS section on page 2 of this LDR. For each UHC in the UHC/UTS table indicate which manifest line contains this specific constituent. Solvent constituents previously listed in the first section of constituents specifically indicated by waste code do not have to be repeated in this section.

### **Certifications:**

- 1) SOIL: Complete this certification if a waste stream is soil following the alternate soil treatment standards.
- 2) Complete the certification for material meeting treatment standards if appropriate.
- 3) SIGN AND DATE THE BOTTOM OF THE LDR.



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NJD 986 636 705</b>	2. Page 1 of <b>2</b>	3. Emergency Response Phone <b>800-424-8302</b>	4. Manifest Tracking Number <b>012264560 JJK</b>		
5. Generator's Name and Mailing Address <b>US EPA Region 2 Superior Barrel &amp; Drum Site</b> <b>2890 Woodbridge Ave., MS 211, Edison, NJ 08837</b> <b>(732) 321-4454 Attn: Keith Glenn</b>				Generator's Site Address (if different than mailing address) <b>798 Jacob Harris Lane, Elk Township, NJ 08028</b>			
6. Transporter 1 Company Name <b>SJ Transportation Company</b>				U.S. EPA ID Number <b>NJD 071 629 976</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Cycle Chem, Inc.</b> <b>650 Industrial Dr., Lewisberry, PA 17339</b> Facility's Phone: <b>(717) 938-4700</b>				U.S. EPA ID Number <b>PAD 087 098 822</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	1. UN1325, Waste Flammable Solids, Organic, N.O.S. 4.1, II (Resins, Paint Pigments)	2	DM	711	P	0001
	X	2. UN1325, Waste Flammable Solids, Organic, N.O.S. 4.1, II (Resins, Paint Pigments)	2	TP	800	P	0001
	X	3. RQ, UN3148, Waste Water Reactive Liquids, Toxic, N.O.S., 4.3(6.1), II (Methyl Ethyl Ketone, Toluene Diisocyanate)	5	DM	445	G	0001 0003
	X	4. RQ, UN3148, Waste Water Reactive Liquids, Toxic, N.O.S., 4.3(6.1), II (Methyl Ethyl Ketone, Toluene Diisocyanate)	5	TP	470	G	0001 0003
14. Special Handling Instructions and Additional Information 1: Appl/SSM-AB ERG133 (Item 9)(Drums) 2: Appl/SSM-AB ERG133 (Item 9)(Totes) 3: Appl/ROS78-43 ERG138 (Item 8) 4: Appl/ROS78-43 ERG138 (Item 8) Generator/CAPO34 Job# ROAN-SSCH							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name <b>Margaret Gregor</b>				Signature <b>Margaret Gregor</b>		Month Day Year <b>05 08 14</b>	
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name <b>CHARLES HANES</b>				Signature <b>Charles Hanes</b> Month Day Year <b>05 08 14</b>		
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name				Signature Month Day Year		
	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	

# U.S. EPA Form 8700-22

Read all instructions before completing this form.

1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700-22) and, if necessary, the continuation sheet (EPA Form 8700-22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 30 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the PRA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Do not send the completed form to this address.

## I. Instructions for Generators

### Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

### Item 2. Page 1 of \_\_\_\_

Enter the total number of pages used to complete this Manifest (i.e., the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

### Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

**Note:** Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (e.g., consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

### Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

### Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

### Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

### Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

### Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

### Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

**Item 9a.** If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

**Item 9b.** Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

**Note:** If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

## Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.—TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

## Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and *do not* enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

## Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II.—UNITS OF MEASURE

G = Gallons (liquids only).	N = Cubic Meters.
K = Kilograms.	P = Pounds.
L = Liters (liquids only).	T = Tons (2000 Pounds).
M = Metric Tons (1000 kilograms).	Y = Cubic Yards.

**Note:** Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

## Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

## Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

## Item 15. Generator's/Officer's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

**Note:** All of the above information except the handwritten signature required in Item 15 may be pre-printed.

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

**GENERATOR'S INITIAL COPY**

**Instructions—Continuation Sheet**  
**U.S. EPA Form 8700-22A**

Read all instructions before completing this form. This form has been designed for use on a 12-pitch (elite) typewriter; a firm point pen may also be used—press down hard.

This form must be used as a continuation sheet to U.S. EPA Form 8700-22 if:

- More than two transporters are to be used to transport the waste; or
- More space is required for the U.S. DOT descriptions and related information in Item 9 of U.S. EPA Form 8700-22.

Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, or disposal facilities to use the uniform hazardous waste manifest (EPA Form 8700-22) and, if necessary, this continuation sheet (EPA Form 8700-22A) for both interstate and intrastate transportation.

**I. Instructions for Generators**

**Item 21. Generator's ID Number**

Enter the generator's U.S. EPA twelve digit identification number or, the State generator identification number if the generator site does not have an EPA identification number.

**Item 22. Page** \_\_\_\_\_

Enter the page number of this Continuation Sheet.

**Item 23. Manifest Tracking Number**

Enter the Manifest Tracking number from Item 4 of the Manifest form to which this continuation sheet is attached.

**Item 24. Generator's Name—**

Enter the generator's name as it appears in Item 5 on the first page of the Manifest.

**Item 25. Transporter—Company Name**

If additional transporters are used to transport the waste described on this Manifest, enter the company name of each additional transporter in the order in which they will transport the waste. Enter after the word "Transporter" the order of the transporter. For example, Transporter 3 Company Name. Also enter the U.S. EPA twelve digit identification number of the transporter described in Item 25.

**Item 26. Transporter—Company Name**

If additional transporters are used to transport the waste described on this Manifest, enter the company name of each additional transporter in the order in which they will transport the waste. Enter after the word "Transporter" the order of the transporter. For example, Transporter 4 Company Name. Each Continuation Sheet can record the names of two additional transporters. Also enter the U.S. EPA twelve digit identification number of the transporter named in Item 26.

**Item 27. U.S. D.O.T. Description Including Proper Shipping Name, Hazardous Class, and ID Number (UN/NA)**

For each row enter a sequential number under Item 27b that corresponds to the order of waste codes from one continuation sheet to the next, to reflect the total number of wastes being shipped. Refer to instructions for Item 9 of the manifest for the information to be entered.

**Item 28. Containers (No. And Type)**

Refer to the instructions for Item 10 of the manifest for information to be entered.

**Item 29. Total Quantity**

Refer to the instructions for Item 11 of the manifest form.

**Item 30. Units of Measure (Weight/Volume)**

Refer to the instructions for Item 12 of the manifest form.

**Item 31. Waste Codes**

Refer to the instructions for Item 13 of the manifest form.

**Item 32. Special Handling Instructions and Additional Information**

Refer to the instructions for Item 14 of the manifest form.

Generator Name: USEPA-Superior Barrel & Drum

Generator EPA ID #: NJD 986 630 705

Manifest #: 0122645601JK

## LAND DISPOSAL RESTRICTION NOTIFICATION AND CERTIFICATION FORM

This land disposal restriction (LDR) notification must be submitted with the initial shipment of all new waste streams. Subsequent notification is not required unless the waste stream changes. All sections **MUST** be completed. **INSTRUCTION**

**WASTE STREAM INFORMATION** — For each manifest line complete the following sections. For LDR's previously submitted or LAB PACK's with packing slips indicate such in column A or B and stop.

Line #	A LDR on file Non RCRA	B Lab Pack & Packing Slip	C EPA Waste Codes and subcategory reference letter from table (if applicable)	D Treatability Group		E F001 to F005 list numbers of Spent Solvent Constituents	F Treatment Method for Hazardous Waste per 40CFR268			
				WW Wastewater < 1% TOC < 1% TSS	NWW/ Not WW		Requires treatment mark which standard applies			Meets LDR treatment standards 40CFR268 Listed Waste Certify below
							For Ati SOIL Treatment Complete certification below			
1	<input type="checkbox"/>	<input type="checkbox"/>	D001A	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	D001A	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	D001A,D003	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	D001A,D003	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

### ADDITIONAL INFORMATION FOR CHARACTERISTIC CODES D001 to D043. (check one)

- ☒ Some or all of these waste streams contain underlying hazardous constituents (UHCs) in excess of the treatment standard of 40CFR268.40. These are indicated on the UHC/UTS table section of this LDR form or included on the waste profile.
- ☐ There are no underlying hazardous constituents (UHCs) present in any of these waste streams.

### SUBCATEGORY LETTER TABLE

D001	A	Ignitable except high TOC ignitable liquids
	B	High TOC (> 10%) ignitable liquid
D003	A	Reactive sulfide
	B	Reactive cyanide
	C	Water reactive
	D	Other reactive
D006	A	Cadmium non-battery
	B	Cadmium containing batteries
D008	A	Lead non-battery
	B	Lead acid batteries
D009	A	High mercury organic (>260 PPM Total Hg)
	B	High mercury inorganic (> 260 PPM Total Hg)
	C	Low mercury (< 260 PPM Total Hg)
	D	Mercury wastewater

### SPENT SOLVENT WASTE CONSTITUENTS

For F001-F005 indicate number of constituent in above table

- |                         |   |
|-------------------------|---|
| 1) acetone              | 15) methanol                              |
| 2) benzene              | 16) methylene chloride                    |
| 3) n-butyl alcohol      | 17) methyl ethyl ketone                   |
| 4) iso-butyl alcohol    | 18) methyl isobutyl ketone                |
| 5) carbon disulfide     | 19) nitrobenzene                          |
| 6) carbon tetrachloride | 20) pyridine                              |
| 7) chlorobenzene        | 21) tetrachloroethylene (Perc)            |
| 8) Cresols [o, m or p]  | 22) toluene                               |
| 9) cresylic acid        | 23) 1,1,1-trichloroethane                 |
| 10) cyclohexanone       | 24) 1,1,2-trichloroethane                 |
| 11) o-dichlorobenzene   | 25) trichloroethylene                     |
| 12) ethyl acetate       | 26) trichloromonofluoromethane            |
| 13) ethyl benzene       | 27) 1,1,2-trichloro-1,2,2-trifluoroethane |
| 14) ethyl ether         | 28) xylenes                               |

### ☐ This SOIL CERTIFICATION per alternate soil treatment {268.49} for indicated [circle] items.

This is a hazardous waste contaminated soil. This contaminated soil **does/does not** (circle one) contain listed hazardous wastes and **does/does not** (circle one) exhibit a characteristic of hazardous waste and is **subject to/complies with** (circle one) the soil treatment standards as provided by 268.49(c) or the universal treatment standards.

### ☐ This Certification for material that meets treatment standards applies to the above listed items.

This is an EPA hazardous waste that meets all applicable treatment standards set forth in 40 CFR 268 subpart D, and can be landfilled without further treatment. I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or thorough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

**CERTIFICATION**— All section **MUST** be completed: I certify that all information on this and all associated documents is complete and accurate to the best of my knowledge.

Signature: Margaret Gregor

Title: On-Scene Coordinator

Printed Name: Margaret Gregor

Date: 05/08/2014

Generator Copy

**WASTE STREAM INFORMATION for continuation pages**—Complete for each line of continuation page Also complete UTS UHC page.

	A	B	C	D Treatability Group	E	Treatment Method for Hazardous Waste per 40CFR268	
Line #	LDR on file	Lab Pack & Packing Slip	EPA Waste Codes and subcategory reference letter from table (if applicable)	WW Wastewater < 1% TOC < 1% TSS	F001 to F005 list numbers of Spent Solvent Constituents	Requires treatment mark which standard applies	Meets LDR treatment standards 40CFR268 Listed Waste Certify below
	Non RCRA			NWW Not WW		For All SOIL Treatment Complete certification below	

**For Page #2 Continuation**

5	<input type="checkbox"/>	<input type="checkbox"/>	D001A	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	D001A	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
11	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
12	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
13	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
14	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

**For Page #3 Continuation**

15	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
16	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
17	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
18	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
19	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
20	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
21	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
22	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
23	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
24	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

**For Page #4 Continuation**

25	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
26	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
27	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
28	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
29	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
30	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
31	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
32	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
33	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
34	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

# **UNDERLYING HAZARDOUS CONSTITUENTS (UHC)** **UNIVERSAL TREATMENT STANDARDS UTS**

**Per 40 CFR 268(2)(i) all UHS's for characteristically wastes (EPA codes D001-D043) must be listed if concentrations are greater than the UTS. List all manifest lines for which contain UCH's. F001-F005 constituents or constituents with waste codes {U, P, and D004-D043} previously identified DO NOT need to be listed again.**

Manifest Line	COMPOUNDS	WW/NWW
A2213		0.042/1.4
Acenaphthylene		0.59/3.4
Acenaphthene		0.058/3.4
Acetone		0.28/160
Acetonitrile		5.6/38
Acetophenone		0.01/6.7
2-Acetylaminofluorene		0.059/140
Acrolein		0.29/NA
Acrylamide		19/23
Acrylonitrile		0.24/84
Aldicarb sulfone		0.056/0.28
Aldrin		0.021/0.086
4-Aminobiphenyl		0.13/NA
Aniline		0.61/14
Anthracene		0.059/3.4
Aramid		0.36/NA
alpha-BHC		0.00014/0.066
beta-BHC		0.00014/0.066
delta-BHC		0.023/0.066
gamma-BHC		0.0017/0.066
Barban		0.056/1.4
Bendiocarb		0.056/1.4
Bendiocarb phenol		0.056/1.4
Betomyl		0.056/1.4
Benzene		0.14/10
Benz (a) anthracenes		0.059/3.4
Benzal chloride		0.055/6
Benzo (b) fluoranthene		0.11/6.8
Benzo (k) fluoranthene		0.11/6.8
Benzo (g,h,i) perylene		0.0055/1.8
Benzo (a) pyrene		0.061/3.4
Bromodichloromethane		0.35/15
Bromomethane/Methyl bromide		0.11/15
4-Bromophenyl phenyl ether		0.055/15
n-Butyl alcohol		5.6/2.8
Butylate		0.042/1.4
Butyl benzyl phthalate		0.017/28
2-sec-Butyl-4,6-dinitrophenol		0.066/2.5
/Dinoseb		
Carbaryl		0.008/0.14
Carbenzadim		0.056/1.4
Carbofuran		0.008/0.14
Carbofuran phenol		0.056/1.4
Carbon disulfide		3.8/4.8 mg/L TCLP
Carbon Tetrachloride		0.057/6
Carbosulfan		0.028/1.4
Chlorodane (alpha and gamma isomers)		0.0033/0.28/0.46/1.6
p-Chloroaniline		0.057/6
Chlorobenzene		0.1/NA
Chlorobenzilate		0.057/0.28
2-Chloro-1,3-butadiene		0.057
Chlorodibromomethane		0.27/6
Chloroethane		0.036/7.2
Bis(2-Chloroethoxy) methane		0.033/6
Bis(2-Chloroethyl) ether		0.048/6
Chloroform		0.055/7.2
Bis (2-Chloroisopropyl) ether		0.018/14
p-Chloro-m-cresol		0.062/NA
2-Chloroethyl vinyl ether		0.19/30
Chloromethane/Methyl chloride		0.055/5.6
2-Chloronaphthalene		0.044/5.7
2-Chlorophenol		0.036/30
3-Chloropropylene		0.059/3.4
Chrysene		0.11/5.6
o-cresol		0.77/5.6
m-cresol		0.77/5.6
p-cresol		0.056/1.4
m-Cumenyl methylcarbonate		0.36/0.75 mg/L TCLP
Cyclohexanone		0.023/0.087
o,p'-DDD		0.023/0.087
p,p'-DDD		0.031/0.087
p,p'-DDE		0.031/0.087
p,p'-DDE		0.031/0.087
p,p'-DDT		0.0039/0.087
p,p'-DDT		0.0039/0.087
Dibenz (a,h) anthracene		0.055/88.2
Dibenz (a,e) pyrene		0.061/NA
1,2-Dibromo-3-chloropropane		0.11/15
1,2-Dibromoethane/Ethylenedibromide		0.028/15
Dibromomethane		0.11/15
m-dichlorobenzene		0.036/6
o-Dichlorobenzene		0.088/6
p-Dichlorobenzene		0.08/6
Dichlorodibromomethane		0.23/7.2
1,1-Dichloroethane		0.059/6
1,2-Dichloroethane		0.21/6
1,1-Dichloroethylene		0.025/6
trans-1,2-Dichloroethylene		0.054/30
2,4-Dichlorophenol		0.044/14
2,6-Dichlorophenol		0.044/14
2,4-Dichlorophenoxyacetic acid/2,4-D		0.72/10
1,2-Dichloropropane		0.85/18
cis-1,2-Dichloropropylene		0.036/18
trans-1,3-Dichloropropylene		0.036/18
Dieldrin		0.017/0.13
Diethylene glycol, dicarbamate		0.056/1.4

Manifest Line	COMPOUNDS	WW/NWW
Diethyl phthalate		0.2/28
Dimethylanilinoazobenzene		0.13/NA
2,4-Dimethyl phenol		0.038/14
Dimethyl phthalate		0.047/28
Dimethylaniline		0.058/1.4
Di-n-butyl phthalate		0.057/28
1,4-Dinitrobenzene		0.32/2.3
4,6-Dinitro-o-cresol		0.28/160
2,4-Dinitrophenol		0.12/160
2,4-Dinitrotoluene		0.32/140
2,6-Dinitrotoluene		0.55/28
Di-n-octyl phthalate		0.017/28
Di-n-propylnitrosamine		0.4/14
1,4-Dioxane		12/170
Diphenylamine		0.92/13
diphenylnitrosamine		
Diphenylnitrosamine		0.92/13
diphenylamine		
1,2-Diphenylhydrazine		0.087/NA
Disulfoton		0.017/8.2
Dithiocarbamates (total)		0.028/28
Endosulfan I		0.023/0.066
Endosulfan		0.029/0.13
Endosulfan sulfate		0.029/0.13
Endrin		0.0028/0.13
Endrin aldehyde		0.025/0.13
EPTC		0.042/1.4
Ethyl acetate		0.34/33
Ethyl benzene		0.057/10
Ethyl cyanide/Propanenitrile		0.24/360
Ethyl ether		0.12/160
bis (2-Ethylhexyl) phthalate		0.28/28
Ethyl methacrylate		0.14/160
Ethylene oxide		0.12/NA
Famphur		0.017/15
Fluoranthene		3.4/1.4
Fluorene		0.059/3.4
Formetanate hydrochloride		0.056/1.4
Fompanate		0.056/1.4
Heptachlor		0.0012/0.066
Heptachlor epoxide		0.018/0.066
Hexachlorobenzene		0.055/10
Hexachlorobutadiene		0.055/5.6
Hexachlorocyclopentadiene		0.057/2.4
HxCDDs (all Hexachlorodibenzo-p-dioxins)		0.000063/0.001
HxCDFs (all Hexachlorodibenzo-furans)		0.000063/0.001
Hexachloroethane		0.055/30
Hexachloropropylene		0.035/30
Indeno (1,2,3-c,d) pyrene		0.0055/3.4
Iodomethane		0.19/65
Isobutyl alcohol		5.6/170
Isodrin		0.021/0.066
Isolan		0.056/1.4
Isosafrole		0.081/2.6
Kepone		0.0011/0.13
Methylacrylonitrile		0.24/84
Methanol		5.6/0.75 mg/L TCLP
Methapyrene		0.081/1.5
Methiocarb		0.056/1.4
Methomyl		0.028/1.14
Methoxychlor		0.25/0.18
3-Methylcholanthrene		0.0055/15
4,4-Methylene bis(2-chloroaniline)		0.5/30
Methylene chloride		0.089/30
Methyl ethyl ketone		0.28/36
Methyl isobutyl ketone		0.14/33
Methyl methacrylate		0.14/160
Methyl methanesulfonate		0.018/NA
Methyl parathion		0.014/4.8
Metolcarb		0.059/1.4
Mexacarbate		0.056/1.4
Molinate		0.042/1.4
Naphthalene		0.059/5.6
2-Naphthylamine		0.52/NA
o-Nitroaniline		0.27/14
p-nitroaniline		0.028/28
Nitrobenzene		0.068/14
5-Nitro-o-toluidine		0.32/28
o-Nitrophenol		0.028/13
p-nitrophenol		0.12/29
N-Nitrosodiethylamine		0.4/28
N-Nitrosodimethylamine		0.4/2.3
N-Nitroso-di-n-butylamine		0.4/17
N-Nitrosomethylamine		0.4/2.3
N-Nitrosomorpholine		0.4/2.3
N-Nitrosopiperidine		0.013/35
N-Nitrosopyrrolidine		0.013/35
Oxamyl		0.056/0.28
Parathion		0.014/4.8
Total PCBs (sum of all PCB isomers, or all Aroclors)		0.1/10
Pebulate		0.042/1.4
Pentachlorobenzene		0.055/10
PeCDDs (All Pentachlorodibenzo-p-dioxins)		0.000063/0.001
PeCDFs (All Pentachlorodibenzo-furans)		0.000035/0.001
Pentachloroethane		0.055/6

Manifest Line	COMPOUNDS	WW/NWW
Pentachloronitrobenzene		0.055/4.8
Pentachlorophenol		0.089/7.4
Phenacetin		0.081/18
Phenanthrene		0.058/5.6
Phenol		0.039/8.2
o-phenylenediamine		0.056/5.6
Phorate		0.021/4.6
Phthalic acid		0.055/28
Phthalic anhydride		0.055/28
Physostigmine		0.058/1.4
Physostigmine salicylate		0.058/1.4
Promecarb		0.056/1.4
Pronamide		0.093/1.5
Propham		0.059/1.4
Propoxur		0.058/1.4
Prosulfocarb		0.042/1.4
Pyrene		0.067/8.2
Pyridine		0.014/16
Safrole		0.081/22/0.72/7.9
Silvex/2,4,5-TP		
1,2,4,5-Tetrachlorobenzene		0.055/14
TCCDs (All Tetrachlorodibenzo)		0.000063/0.001
TCCDFs (All Tetrachlorodibenzo-furans)		0.000063/0.001
1,1,1,2-Tetrachloroethane		0.057/6
1,1,2,2-Tetrachloroethane		0.057/6
Tetrachloroethylene		0.056/6
2,3,4,6-Tetrachlorophenol		0.037/4
Thiodicarb		0.019/1.4
Thiophanate-methyl		0.056/1.4
Tirpate		0.056/0.28
Toluene		0.08/10
Toxaphene		0.0095/2.6
Thallate		0.042/1.4
Tribromomethane/Bromoform		0.63/15
2,4,6-Tribromophenol		0.035/7.4
1,2,4-Trichlorobenzene		0.055/19
1,1,1-Trichloroethane		0.054/6
1,1,2-Trichloroethane		0.054/6
Trichloroethylene		0.054/6
Trichloromonofluoromethane		0.02/30
2,4,5-Trichlorophenol		0.18/7.4
2,4,6-Trichlorophenol		0.035/7.4
2,4,5-Trichlorophenoxyacetic acid		0.72/7.9
1,2,3-Trichloropropane		0.85/30
1,1,2-Trichloro-1,2,2-trifluoroethane		0.057/30
Triethylamine		0.081/1.5
tris-(2,3-Dibromopropyl) phosphate		0.11/0.1
Vernolate		0.042/1.4
Vinyl chloride		0.27/6
Xylenes-mixed isomers (sum of o-, m- and p- xylene)		0.32/30
	<b>METALS</b>	<b>mg/L TCLP</b>
		<b>WW/NWW</b>
Antimony		1.8/1.15
Arsenic		1.4/5.0
Barium		1.2/21
Beryllium		0.82/1.22 CLP
Cadmium		0.08/0.11
Chromium (Total)		2.77/0.80
Cyanides (Total) 4		1.2/590
Cyanides (Amenable) 4		0.86/30
Fluoride 5		35/NA
Lead		0.69/0.75
Mercury - NWW from Retort		NA/0.20 P
Mercury - All Others		0.15/0.025
Nickel		3.98/11
Selenium 5		0.82/5.7
Silver		0.43/0.1
Sulfide 5		14/NA
Thallium		1.4/0.20
Vanadium 5		4.3/1.6



## **INSTRUCTIONS FOR COMPLETING THIS LDR**

USEPA regulations require a Land Disposal Notification be made for the initial shipment of any RCRA hazardous waste stream to a specific facility. This LDR must be kept on file for 3 years past when the last shipment associated with this LDR was shipped.

This LDR is divided into 2 sections. The main page and a continuation page. The main page is for the first four items listed on the manifest. The continuation page is for items listed on any continuation pages associated with the manifest.

**General:** Provide the Generator's Name, EPA ID Number and the Hazardous Waste Manifest Number for this accompanying LDR.

**Waste Stream Information:** For each waste stream on the manifest provide the following.

**Box A:** Indicate if a previously submitted LDR is on file or if this line item is for a lab pack for which an itemized packing slip has been submitted. If on file then additional information is not required as the facility already has a copy of the LDR's. For lab packs indicate only treatability group {Box D} as NWW and OTHER for treatment method {Box F} as all other information is part of the packing slip.

**Box B:** If item is not RCRA hazardous waste indicate such in this box and stop.

**Box C:** List ALL RCRA waste codes that apply to this waste stream. This is not necessary for Lab packs for which there is an itemized packing slip. Also for D001, D003, D006 D008 & D009 indicate the letter of the treatability group as indicated in the "Subcategory Letter Table".

**Box D:** Indicate if this waste stream is a waste water {WW} [<1% TOC and <1% TSS] or non-waste water {NWW}.

**Box E:** For the F001 to F005 solvent wastes indicate the number that corresponds to the specific solvents present as indicated in the "Spent Solvent Waste Constituent Table"

**Box F:** Indicate how this waste stream must be managed. If the waste stream is restricted waste requiring treatment indicate which standard is applicable.

- For SOIL to be treated per 40CFR268.49 check the SOIL box and complete the Certification at the bottom of the page.
- For DEBRIS to be treated per the alternate debris standards of 40CFR268.45 check the DEBRIS box.
- For all other restricted waste that require treatment prior to disposal check the OTHER Box. Use this for Lab packs.

If the hazardous waste stream meets the treatment standards at the point of generation no additional treatment is necessary. Check this box and indicate such in the Certification at the bottom of the page.

### **Additional Information for characteristic codes D001 to D043.**

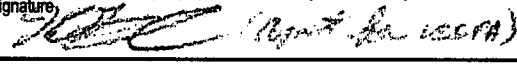
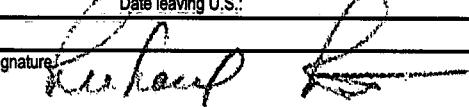
Characteristic wastes D001 to D043 must be treated for the characteristic and any Underlying Hazardous Constituents {UHC} that may be present in excess of the Universal Treatment Standards {UTS}. The UHC's do not define a hazardous waste but are additional treatment. If none of the waste streams contain UHC's that require treatment check the appropriate box in this section and completion of the UHC/UTS section is not needed.

If any of the waste streams contain UHC's that require treatment the check the first box and complete the UHC/UTS section on page 2 of this LDR. For each UHC in the UHC/UTS table indicate which manifest line contains this specific constituent. Solvent constituents previously listed in the first section of constituents specifically indicated by waste code do not have to be repeated in this section.

### **Certifications:**

- 1) SOIL: Complete this certification if a waste stream is soil following the alterante soil treatment standards.
- 2) Complete the certification for material meeting treatment standards if appropriate.
- 3) SIGN AND DATE THE BOTTOM OF THE LDR.



<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NJD 088 630 705</b>	2. Page 1 of 1	3. Emergency Response Phone	4. Manifest Tracking Number <b>012264585 JJK</b>		
5. Generator's Name and Mailing Address <b>US EPA Region 2 Superior Barrel &amp; Drum Site 2880 Woodbridge Ave., MS 211, Edison, NJ 08837 (732) 321-4454 Attn: Keith Glenn</b>				Generator's Site Address (if different than mailing address) <b>768 Jacob Harris Lane, Elk Township, NJ 08028</b>			
6. Transporter 1 Company Name <b>SJ Transportation Company Inc</b>				U.S. EPA ID Number <b>NJD 071 629 976</b>			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Cycle Chem, Inc. 550 Industrial Dr., Lewisberry, PA 17339 (717) 836-4700</b>				U.S. EPA ID Number <b>PAD 067 098 822</b>			
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
	X	1. <b>RQ, UN2924, Waste Flammable Liquids, Corrosive, N.O.S., 3(8), II (Petroleum Distillates, Sodium Hydroxide)</b>	2	DM	445	G	D001 D002
	X	2. <b>RQ, UN2924, Waste Flammable Liquids, Corrosive, N.O.S., 3(8), II (Petroleum Distillates, Sodium Hydroxide)</b>	1	TP	300	G	D001 D002
	X	3. <b>RQ, NA3082, Hazardous Waste Liquid, N.O.S., 9, III (Trichloroethylene, Petroleum)</b>	10	DM	850	G	D040
	X	4. <b>RQ, NA3082, Hazardous Waste Liquid, N.O.S., 9, III (Trichloroethylene, Petroleum)</b>	2	TP	300	G	D040
14. Special Handling Instructions and Additional Information 1. App# WR3B-G ERG132 (Items 7 & 11) 2. App# WR3B-G ERG132 (Items 7 & 11) 3. App# WR3-45 ERG171 (Item 2) 4. App# WR3-45 ERG171 (Item 2) Generator#CAP034 Job# ROAN-SSCH							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <b>Keith Glenn (Agent for USEPA)</b>				Signature 		Month Day Year <b>05 15 14</b>	
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	Transporter signature (for exports only):						
DESIGNATED FACILITY	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <b>KIRKERS KIRKER</b>		Signature 		Month Day Year <b>05 15 14</b>		
	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number:							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	

# U.S. EPA Form 8700-22

Read all instructions before completing this form.

1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700-22) and, if necessary, the continuation sheet (EPA Form 8700-22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 30 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the PRA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Do not send the completed form to this address.

## I. Instructions for Generators

### Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

### Item 2. Page 1 of \_\_\_\_\_

Enter the total number of pages used to complete this Manifest (i.e., the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

### Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

**Note:** Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (e.g., consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

### Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

### Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note: the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

### Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

### Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

### Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

### Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

**Item 9a.** If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

**Item 9b.** Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

**Note:** If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

## Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.—TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

## Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and do not enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

## Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II.—UNITS OF MEASURE

G = Gallons (liquids only).	N = Cubic Meters.
K = Kilograms.	P = Pounds.
L = Liters (liquids only).	T = Tons (2000 Pounds).
M = Metric Tons (1000 kilograms).	Y = Cubic Yards.

**Note:** Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

## Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

## Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

## Item 15. Generator's/Officer's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

**Note:** All of the above information except the handwritten signature required in Item 15 may be pre-printed.

Generator Name: USEPA-Superior Barrel & Drum

Generator EPA ID #: NJD 986 630 705

Manifest #: 012264585JJK

## LAND DISPOSAL RESTRICTION

### NOTIFICATION AND CERTIFICATION FORM

This land disposal restriction (LDR) notification must be submitted with the initial shipment of all new waste streams. Subsequent notification is not required unless the waste stream changes. All sections **MUST** be completed. **INSTRUCTION**

**WASTE STREAM INFORMATION** — For each manifest line complete the following sections. For LDR's previously submitted or LAB PACK's with packing slips indicate such in column A or B and stop.

Line #	A LDR on file Non RCRA	B Lab Pack & Packing Slip	C EPA Waste Codes and subcategory reference letter from table (if applicable)	D Treatability Group		E F001 to F005 list numbers of Spent Solvent Constituents	F Treatment Method for Hazardous Waste per 40CFR268			
				WW Wastewater < 1% TOC < 1% TSS	NWW/ Not WW		Requires treatment mark which standard applies For Ati SOIL Treatment Complete certification below			Meets LDR treatment standards 40CFR268 Listed Waste Certify below
1	<input type="checkbox"/>	<input type="checkbox"/>	D001A, D002	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	D001A, D002	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	D040	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	D040	<input checked="" type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

#### ADDITIONAL INFORMATION FOR CHARACTERISTIC CODES D001 to D043. (check one)

- ☒ Some or all of these waste streams contain underlying hazardous constituents (UHCs) in excess of the treatment standard of 40CFR268.40. These are indicated on the UHC/UTS table section of this LDR form or included on the waste profile.
- ☐ There are no underlying hazardous constituents (UHCs) present in any of these waste streams.

#### SUBCATEGORY LETTER TABLE

D001	A	Ignitable except high TOC ignitable liquids
	B	High TOC (> 10%) ignitable liquid
D003	A	Reactive sulfide
	B	Reactive cyanide
	C	Water reactive
	D	Other reactive
D006	A	Cadmium non-battery
	B	Cadmium containing batteries
D008	A	Lead non-battery
	B	Lead acid batteries
D009	A	High mercury organic (>260 PPM Total Hg)
	B	High mercury inorganic (> 260 PPM Total Hg)
	C	Low mercury (< 260 PPM Total Hg)
	D	Mercury wastewater

#### SPENT SOLVENT WASTE CONSTITUENTS

For F001-F005 indicate number of constituent in above table

- |                         |   |
|-------------------------|---|
| 1) acetone              | 15) methanol                              |
| 2) benzene              | 16) methylene chloride                    |
| 3) n-butyl alcohol      | 17) methyl ethyl ketone                   |
| 4) iso-butyl alcohol    | 18) methyl isobutyl ketone                |
| 5) carbon disulfide     | 19) nitrobenzene                          |
| 6) carbon tetrachloride | 20) pyridine                              |
| 7) chlorobenzene        | 21) tetrachloroethylene (Perc)            |
| 8) Cresols [o, m or p]  | 22) toluene                               |
| 9) cresylic acid        | 23) 1,1,1-trichloroethane                 |
| 10) cyclohexanone       | 24) 1,1,2-trichloroethane                 |
| 11) o-dichlorobenzene   | 25) trichloroethylene                     |
| 12) ethyl acetate       | 26) trichloromonofluoromethane            |
| 13) ethyl benzene       | 27) 1,1,2-trichloro-1,2,2-trifluoroethane |
| 14) ethyl ether         | 28) xylenes                               |

#### ☐ This **SOIL CERTIFICATION** per alternate soil treatment {268.49} for indicated [circle] items.

This is a hazardous waste contaminated soil. This contaminated soil **does/does not** (circle one) contain listed hazardous wastes and **does/does not** (circle one) exhibit a characteristic of hazardous waste and is **subject to/complies with** (circle one) the soil treatment standards as provided by 268.49(c) or the universal treatment standards.

#### ☐ This **Certification** for material that meets treatment standards applies to the above listed items.

This is an EPA hazardous waste that meets all applicable treatment standards set forth in 40 CFR 268 subpart D, and can be landfilled without further treatment. I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or thorough knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

**CERTIFICATION- All section MUST be completed:** I certify that all information on this and all associated documents is complete and accurate to the best of my knowledge.

Signature: [Signature]

Title: EPA OSC

Printed Name: Keith Glenn

Date: 05/15/14

Generator Copy

**WASTE STREAM INFORMATION for continuation pages**—Complete for each line of continuation page Also complete UTS UHC page.

Line #	A	B	C	D Treatability Group		E	Treatment Method for Hazardous Waste per 40CFR268			
	LDR on file	Lab Pack & Packing Slip	EPA Waste Codes and subcategory reference letter from table (if applicable)	WW		F001 to F005 list numbers of Spent Solvent Constituents	Requires treatment mark which standard applies			Meets LDR treatment standards 40CFR268 Listed Waste Certify below
	Non RCRA			Wastewater < 1% TOC < 1% TSS			For All SOIL Treatment Complete certification below			
				NWW	WW					
For Page #2 Continuation										
5	<input type="checkbox"/>	<input type="checkbox"/>	D001,D035	<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input checked="" type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
11	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
12	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
13	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
14	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

For Page #3 Continuation										
15	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
16	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
17	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
18	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
19	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
20	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
21	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
22	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
23	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
24	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

For Page #4 Continuation										
25	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
26	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
27	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
28	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
29	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
30	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
31	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
32	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
33	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>
34	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> NWW	<input type="checkbox"/> WW		<input type="checkbox"/> Other	<input type="checkbox"/> SOIL	<input type="checkbox"/> DEBRIS	<input type="checkbox"/>

**UNDERLYING HAZARDOUS CONSTITUENTS {UHC}**  
**UNIVERSAL TREATMENT STANDARDS UTS}**

**Per 40 CFR 268(2)(i) all UHS's for characteristically wastes (EPA codes D001-D043) must be listed if concentrations are greater than the UTS. List all manifest lines for which contain UCH's. F001-F005 constituents or constituents with waste codes {U, P, and D004-D043} previously identified DO NOT need to be listed again.**

Manifest Line	COMPOUNDS	WW/NWW
A2213		0.042/1.4
Acenaphthylene		0.59/3.4
Acenaphthene		0.059/3.4
Acetone		0.28/160
Acetonitrile		5.8/38
Acetophenone		0.019/7
2-Acetylaminofluorene		0.059/140
Acrolein		0.28/NA
Acrylamide		19/23
Acrylonitrile		0.24/84
Aldicarb sulfone		0.056/0.28
Aldrin		0.021/0.066
4-Aminobiphenyl		0.13/NA
Aniline		0.81/14
Anthracene		0.059/3.4
Azarnite		0.38/NA
alpha-BHC		0.00014/0.066
beta-BHC		0.00014/0.066
delta-BHC		0.023/0.066
gamma-BHC		0.0017/0.066
Barban		0.056/1.4
Bendiocarb		0.056/1.4
Bendiocarb phenol		0.056/1.4
Benomyl		0.056/1.4
Benzene		0.14/10
Benz (a) anthracene		0.059/3.4
Benzal chloride		0.055/6
Benzo (b) fluoranthene		0.11/6.8
Benzo (k) fluoranthene		0.11/6.8
Benzo (g,h,i) perylene		0.0055/1.8
Benzo (a) pyrene		0.061/3.4
Bromodichloromethane		0.35/15
Bromomethane/Methyl bromide		0.11/15
4-Bromophenyl phenyl ether		0.055/15
n-Butyl alcohol		5.8/2.6
Butylate		0.042/1.4
Butyl benzyl phthalate		0.017/28
2-sec-Butyl-4,6-dinitrophenol		0.066/2.5
/Dinoseb		
Carbaryl		0.008/0.14
Carbenzadim		0.056/1.4
Carbofuran		0.006/0.14
Carbofuran phenol		0.056/1.4
Carbon disulfide		3.8/4.8 mg/l TCLP
Carbon Tetrachloride		0.057/6
Carbosulfan		0.028/1.4
Chlorodane (alpha and gamma isomers)		0.0033/0.26/0.48/1.6
p-Chloroaniline		
Chlorobenzene		0.057/6
Chlorobenzilate		0.1/NA
2-Chloro-1,3-butadiene		0.057/0.28
Chlorodibromomethane		0.057 15
Chloroethane		0.27/6
Bis(2-Chloroethoxy) methane		0.036/7.2
Bis(2-Chloroethyl) ether		0.033/6
Chloroform		0.046/6
Bis (2-Chloroisopropyl) ether		0.055/7.2
p-Chloro-m-cresol		0.018/14
2-Chloroethyl vinyl ether		0.062/NA
Chloromethane/Methyl chloride		0.18/30
2-Chloronaphthalene		0.055/6.8
2-Chlorophenol		0.044/5.7
3-Chloropropylene		0.036/30
Chrysene		0.059/2.4
o-cresol		0.11/5.8
m-cresol		0.77/5.8
p-cresol		0.77/5.8
m-Cumenyl methylcarbonate		0.056/1.4
Cyclohexanone		0.39/0.75 mg/l TCLP
o,p'-DDD		0.023/0.087
p,p'-DDD		0.023/0.087
o,p'-DDE		0.031/0.087
p,p'-DDE		0.031/0.087
o,p'-DDT		0.0039/0.087
p,p'-DDT		0.0039/0.087
Dibenz (a,h) anthracene		0.055/88.2
Dibenz (a,e) pyrene		0.061/NA
1,2-Dibromo-3-chloropropane		0.11/15
1,2-Dibromoethane/Ethylendibromide		0.028/15
Dibromomethane		0.11/15
m-dichlorobenzene		0.036/6
o-Dichlorobenzene		0.088/6
p-Dichlorobenzene		0.09/6
Dichlorodifluoromethane		0.23/7.2
1,1-Dichloroethane		0.059/6
1,2-Dichloroethane		0.21/6
1,1-Dichloroethylene		0.025/6
trans-1,2-Dichloroethylene		0.054/30
2,4-Dichlorophenol		0.044/14
2,6-Dichlorophenol		0.044/14
2,4-Dichlorophenoxyacetic acid/2,4-D		0.72/10
1,2-Dichloropropane		0.85/18
cis-1,2-Dichloropropylene		0.036/18
trans-1,2-Dichloropropylene		0.036/18
Dieldrin		0.017/0.13
Diethylene glycol, dicarbamate		0.056/1.4

Manifest Line	COMPOUNDS	WW/NWW
Diethyl phthalate		0.2/28
Dimethylaninoazobenzene		0.13/NA
2,4-Dimethyl phenol		0.038/14
Dimethyl phthalate		0.047/28
Dimethylan		0.058/1.4
Di-n-butyl phthalate		0.057/28
1,4-Dinitrobenzene		0.32/2.3
4,6-Dinitro-o-cresol		0.28/160
2,4-Dinitrophenol		0.12/160
2,4-Dinitrotoluene		0.32/140
2,6-Dinitrotoluene		0.55/28
Di-n-octyl phthalate		0.017/28
Di-n-propyltinrosamine		0.4/14
1,4-Dioxane		12/170
Diphenylamine		0.92/13
diphenyltinrosamine		
Diphenyltinrosamine		0.92/13
diphenylamine		
1,2-Diphenylhydrazine		0.067/NA
Disulfoton		0.017/6.2
Dithiocarbamates (total)		0.028/28
Endosulfan I		0.023/0.066
Endosulfan		0.029/0.13
Endosulfan sulfate		0.029/0.13
Endrin		0.0028/0.13
Endrin aldehyde		0.025/0.13
EPTC		0.042/1.4
Ethyl acetate		0.34/33
Ethyl benzene		0.057/10
Ethyl cyanide/Propanenitrile		0.24/360
Ethyl ether		0.12/160
bis (2-Ethylhexyl) phthalate		0.28/28
Ethyl methacrylate		0.14/160
Ethylene oxide		0.12/NA
Fampur		0.017/15
Fluoranthene		3.4/1.4
Fluorene		0.058/3.4
Formetanate hydrochloride		0.056/1.4
Fomperanate		0.056/1.4
Heptachlor		0.0012/0.066
Heptachlor epoxide		0.018/0.066
Hexachlorobenzene		0.055/10
Hexachlorobutadiene		0.055/5.6
Hexachlorocyclopentadiene		0.057/2.4
HxCDDs (all Hexachlorodibenzo p-dioxins)		0.000063/0.001
HxCDFs (all Hexachlorodibenzo-furans)		0.000083/0.001
Hexachloroethane		0.055/30
Hexachloropropylene		0.035/30
Indeno (1,2,3-c,d) pyrene		0.0055/3.4
Iodomethane		0.19/65
Isobutyl alcohol		5.8/170
Isodrin		0.021/0.066
Isolan		0.056/1.4
Isosafrole		0.081/2.6
Kepone		0.0011/0.13
Methylacrylonitrile		0.24/84
Methanol		5.6/0.75 mg/l TCLP
Methapyrene		0.081/1.5
Methiocarb		0.056/1.4
Methionyl		0.028/1.14
Methoxychlor		0.25/0.18
3-Methylcholanthrene		0.0055/15
4,4-Methylene bis(2-chloroaniline)		0.5/30
Methylene chloride		0.088/30
Methyl ethyl ketone		0.28/26
Methyl isobutyl ketone		0.14/33
Methyl methacrylate		0.14/160
Methyl methanesulfonate		0.018/NA
Methyl parathion		0.014/4.6
Metolcarb		0.056/1.4
Mexacarbate		0.056/1.4
Mollinate		0.042/1.4
Naphthalene		0.059/5.6
2-Naphthylamine		0.52/NA
D-Nitroaniline		0.27/14
p-nitroaniline		0.028/28
Nitrobenzene		0.068/14
5-Nitro-o-toluidine		0.32/28
o-Nitrophenol		0.028/13
p-nitrophenol		0.12/29
N-Nitrosodiethylamine		0.4/28
N-Nitrosodimethylamine		0.4/2.3
N-Nitroso-di-n-butylamine		0.4/17
N-Nitrosomethylamine		0.4/2.3
N-Nitrosomorpholine		0.4/2.3
N-Nitrosopiperidine		0.013/35
N-Nitrosopyrrolidine		0.013/35
Oxamyl		0.056/0.28
Parathion		0.014/4.6
Total PCBs (sum of all PCBisomers, or all Aroclors)		0.1/10
Peblate		0.042/1.4
Pentachlorobenzene		0.055/10
PeCDDs (All Pentachlorodibenzo p-dioxins)		0.000063/0.001
PeCDFs (All Pentachloro-benzofurans)		0.000035/0.001
Pentachloroethane		0.055/6

Manifest Line	COMPOUNDS	WW/NWW
Pentachloronitrobenzene		0.055/4.8
Pentachlorophenol		0.089/7.4
Phenacetin		0.081/16
Phenanthrene		0.056/5.8
Phenol		0.038/6.2
o-phenylenediamine		0.056/5.6
Phorate		0.021/4.6
Phthalic acid		0.055/28
Phthalic anhydride		0.055/28
Phystogmine		0.056/1.4
Phystogmine selicylate		0.056/1.4
Promecarb		0.056/1.4
Pronamide		0.093/1.5
Propam		0.056/1.4
Propoxur		0.056/1.4
Prosulcarb		0.042/1.4
Pyrene		0.067/1.4
Pyridine		0.014/16
Safrole		0.081/22/0.72/7.9
Silvex/2,4,5-TP		
1,2,4,5-Tetrachlorobenzene		0.055/14
TCCDs (All Tetrachlorodibenzo)		0.000063/0.001
TCCDFs (All Tetrachlorodibenzo-furans)		0.000063/0.001
1,1,1,2-Tetrachloroethane		0.057/6
1,1,2,2-Tetrachloroethane		0.057/6
Tetrachloroethylene		0.056/6
2,3,4,6-Tetrachlorophenol		0.037/4
Thiodicarb		0.018/1.4
Thiophanate-methyl		0.056/1.4
Tiprate		0.056/0.28
Toluene		0.08/10
Toxaphene		0.0085/2.6
Triadlate		0.042/1.4
Tribromomethane/Bromofom		0.63/15
2,4,6-Tribromophenol		0.035/7.4
1,2,4-Trichlorobenzene		0.055/19
1,1,1-Trichloroethane		0.054/6
1,1,2-Trichloroethane		0.054/6
Trichloroethylene		0.054/6
Trichloromonofluoromethane		0.023/0
2,4,5-Trichlorophenol		0.18/7.4
2,4,6-Trichlorophenol		0.037/7.4
2,4,5-Trichlorophenoxyacetic acid		0.72/7.9
1,2,3-Trichloropropane		0.85/30
1,1,2-Trichloro-1,2,2-trifluoroethane		0.057/30
Triethylamine		0.081/1.5
tris (2,3-Dibromopropyl) phosphate		0.11/0.1
Vernolate		0.042/1.4
Vinyl chloride		0.27/6
Xylenes-mixed isomers (sum of o-, m- and p-xylenes)		0.32/30
METALS		mg/l TCLP
		WW/NWW
Antimony		1.8/1.15
Arsenic		1.4/5.0
Barium		1.2/21
Beryllium		0.82/1.22 CLP
Cadmium		0.09/0.11
Chromium (Total)		2.77/0.80
Cyanides (Total) 4		1.2/560
Cyanides (Amenable) 4		0.86/30
Fluoride 5		35/NA
Lead		0.089/0.75
Mercury - NWW from Retort		NA/0.20 P
Mercury - All Others		0.15/0.025
Nickel		3.98/11
Selenium 5		0.82/5.7
Silver		0.43/0.1
Sulfide 5		14/NA
Thallium		1.40/20
Vanadium 5		4.3/1.8

TRUCK 43

Superior Barrel Drum  
IFB SF1867-706 Line Items

Container #	Type	Size	Overpack/Bulk	Lab Sample Group	Stream	Bid	Line Item
1001	Tote	275	250	Composite 22 Cl	Cl	SF1867-706	2
1008	Tote	275	250	Composite 22 Cl	Cl	SF1867-706	2
2025	Drum	55	95	Composite 22 Cl	Cl	SF1867-706	2
2041	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2050	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2051	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2058	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2067	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2074	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2090	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
3005	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
3551	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2

Line Item 2

9 x 85 gal., 1 x 95 gal., 2 x 250 gal. tote

2008	Drum	55	85	Composite 30 OL/W x	X	SF1867-706	7
2037	Drum	55	85	Composite 30 OL/W x	X	SF1867-706	7
2116	Drum	55	85	Composite 30 OL/W x	X	SF1867-706	7
5055	Drum	55	95	Composite 30 OL/W x	X	SF1867-706	7
<del>6007</del>	Drum	55	95	Composite 30 OL/W x	X	SF1867-706	7
6119	Tote	250	250	Composite 30 OL/W x	X	SF1867-706	7

Line Item 7

3 x 85 gal., 2 x 95 gal., 1 x 250 gal. tote

2324	Drum	55	85	Composite 30 OL/W x	X	SF1867-706	11
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Line Item 11

1 x 85 gal.

18  
19 containers

# TRUCK 3

## Superior Barrel Drum IFB SF1867-706 Line Items

*DRAFT*

*Truck #4*

Container #	Type	Size	Overpack/Bulk	Lab Sample Group	Stream	Bid	Line Item
2044	Drum	55	85	Composite 21 OXS	X	SF1867-706	1
5043	Drum	55	85	Composite 21 OXS	X	SF1867-706	1
5044	Drum	55	85	Composite 21 OXS	X	SF1867-706	1
5045	Drum	55	85	Composite 21 OXS	X	SF1867-706	1
5046	Drum	55	85	Composite 21 OXS	X	SF1867-706	1
5047	Drum	55	85	Composite 21 OXS	X	SF1867-706	1
5050	Drum	55	95	Composite 21 OXS	X	SF1867-706	1
5052	Drum	55	95	Composite 21 OXS	X	SF1867-706	1
5054	Drum	55	95	Composite 21 OXS	X	SF1867-706	1
6063	Drum	55	95	Composite 21 OXS	X	SF1867-706	1

Line Item 1

6 x 85 gal., 4 x 95 gal.

10 containers

1001	Tote	275	250	Composite 22 Cl	Cl	SF1867-706	2
1008	Tote	275	250	Composite 22 Cl	Cl	SF1867-706	2
2025	Drum	55	95	Composite 22 Cl	Cl	SF1867-706	2
2041	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2050	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2051	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2058	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2067	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2074	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
2090	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
3005	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2
3551	Drum	55	85	Composite 22 Cl	Cl	SF1867-706	2

Line Item 2

9 x 85 gal., 1 x 95 gal., 2 x 250 gal. tote

2008	Drum	55	85	Composite 30 OL/W x	X	SF1867-706	7
2037	Drum	55	85	Composite 30 OL/W x	X	SF1867-706	7
2116	Drum	55	85	Composite 30 OL/W x	X	SF1867-706	7
5055	Drum	55	95	Composite 30 OL/W x	X	SF1867-706	7
6007	Drum	55	95	Composite 30 OL/W x	X	SF1867-706	7
6020	Drum	55	85	Composite 30 OL/W x	X	SF1867-706	7
6119	Tote	250	250	Composite 30 OL/W x	X	SF1867-706	7

Line Item 7

4 x 85 gal., 2 x 95 gal., 1 x 250 gal. tote

2324	Drum	55	85	Composite 30 OL/W x	X	SF1867-706	11
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Line Item 11

30 containers

*Solid*

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NJD 988 630 705</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone	4. Manifest Tracking Number <b>012224992 JJK</b>			
5. Generator's Name and Mailing Address <b>US EPA Region 2-Superior Barrel &amp; Drum Site</b> <b>2890 Woodbridge Ave., MS 211, Edison, NJ 08837</b> <b>(732) 321-4454 Attn: Keith Glenn</b>			Generator's Site Address (if different than mailing address) <b>788 Jacob Harris Lane, Elk Township, NJ 08028</b>					
6. Transporter 1 Company Name <b>Freehold Cartage, Inc.</b>			U.S. EPA ID Number <b>NJD 654 128 164</b>					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address <b>EQ Detroit, Inc.</b> <b>1923 Frederick St., Detroit, MI 48211</b> Facility's Phone: <b>313 323-0090</b>			U.S. EPA ID Number <b>MID 890 991 568</b>					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
			No.	Type				
	X 1. <b>RQ, UN1479, Waste Oxidizing Solid, N.O.S., 5.1, III</b> <b>(Sodium Persulfate, Sodium Percarbonate)</b>		7	DM	5100	P	D001	
	X 2. <b>RQ, UN1479, Waste Oxidizing Solid, N.O.S., 5.1, III</b> <b>(Sodium Persulfate, Sodium Percarbonate)</b>		4	DF	1300	P	D001	
	3.							
4.								
14. Special Handling Instructions and Additional Information <b>1: App# D140103DET ERG140 (Item 1)</b> <b>2: DANGER - CORROSIVE - LIQUID (H314)</b> <b>Job# ROAN-SSCH</b>								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations, if export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offoror's Printed/Typed Name <b>Keith Lucarino</b>			Signature <i>[Signature]</i>			Month Day Year <b>05/22/14</b>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____								
17. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name <b>Steve Miller</b>			Signature <i>[Signature]</i>			Month Day Year <b>5/22/14</b>		
Transporter 2 Printed/Typed Name			Signature			Month Day Year		
18. Discrepancy								
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1.		2.		3.		4.		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a								
Printed/Typed Name			Signature			Month Day Year		



# U.S. EPA Form 8700-22

Read all instructions before completing this form.

1. This form has been designed for use on a 12-pitch (elite) typewriter which is also compatible with standard computer printers; a firm point pen may also be used—press down hard.
2. Federal regulations require generators and transporters of hazardous waste and owners or operators of hazardous waste treatment, storage, and disposal facilities to complete this form (EPA Form 8700-22) and, if necessary, the continuation sheet (EPA Form 8700-22A) for both inter- and intrastate transportation of hazardous waste.

Public reporting burden for this collection of information is estimated to average: 30 minutes for generators, 10 minutes for transporters, and 25 minutes for owners or operators of treatment, storage, and disposal facilities. This includes time for reviewing instructions, gathering data, completing, reviewing and transmitting the form. Any correspondence regarding the PRA burden statement for the manifest must be sent to the Director of the Collection Strategies Division in EPA's Office of Information Collection at the following address: U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW., Washington, DC 20460. Do not send the completed form to this address.

## I. Instructions for Generators

### Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve digit identification number, or the State generator identification number if the generator site does not have an EPA identification number.

### Item 2. Page 1 of \_\_\_\_

Enter the total number of pages used to complete this Manifest (i.e., the first page (EPA Form 8700-22) plus the number of Continuation Sheets (EPA Form 8700-22A), if any).

### Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;
2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and
3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

**Note:** Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (e.g., consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

### Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

### Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

### Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

### Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a Continuation Sheet(s) (EPA Form 8700-22A).

### Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. Also enter the facility's phone number and the U.S. EPA twelve digit identification number of the facility.

### Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

**Item 9a.** If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

**Item 9b.** Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

**Note:** If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the Continuation Sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those items.

## Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

TABLE I.—TYPES OF CONTAINERS

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

## Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and do not enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

## Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

TABLE II.—UNITS OF MEASURE

G = Gallons (liquids only).	N = Cubic Meters.
K = Kilograms.	P = Pounds.
L = Liters (liquids only).	T = Tons (2000 Pounds).
M = Metric Tons (1000 kilograms).	Y = Cubic Yards.

**Note:** Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

## Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

## Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.
2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

## Item 15. Generator's/Officer's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.
2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/officer certification, to indicate that the individual signs as the employee or agent of the named principal.

**Note:** All of the above information except the handwritten signature required in Item 15 may be pre-printed.



## Land Disposal Restriction &amp; Certification Form

Please check the appropriate facility:

<input type="checkbox"/> Michigan Disposal Waste Treatment Plant	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 000 724 831
<input type="checkbox"/> Wayne Disposal, Inc. Site #2 Landfill	49350 N. I-94 Service Drive, Belleville, MI 48111	EPA ID # MID 048 090 633
<input checked="" type="checkbox"/> EQ Detroit, Inc.	1923 Frederick Street, Detroit, MI 48211	EPA ID # MID 980 991 566
<input type="checkbox"/> EQ Resource Recovery, Inc.	36345 Van Born Road, Romulus, MI 48174	EPA ID # MID 060 975 844
<input type="checkbox"/> EQ North Carolina	1005 Investment Blvd, Apex, NC 27502	EPA ID # NCD 982 170 292
<input type="checkbox"/> EQ Florida, Inc.	7202 East 8 <sup>th</sup> Ave, Tampa, FL 33619	EPA ID # FLD 981 932 494

Generator Name: US EPA Reg.2-Superior Barrel &amp; Drum Site

U.S. EPA ID No.: NJD 986 630 705

Generator Address: 798 Jacob Harris Lane, Elk Township, NJ 08028

Manifest Doc. No.: 012224992JJJ

## Instructions

Column 1: Identify all U.S. EPA hazardous waste codes that apply to this waste shipment.

Column 2: Choose the appropriate treatability group: Non-Wastewater (NWW) or Wastewater (WW).

Column 3: Enter the appropriate Subcategory, if applicable, and also enter "Contaminated Soil" or "Debris" if the waste will be treated using one of the alternative treatment technologies provided by 268.49 (c) – soil, or 268.45 – debris.

Column 4: Enter the letter of the appropriate paragraph from pages 1-2 of this form.

Column 5: For F001 – F005, F039, D001 – D043, Debris and Contaminated Soil: please enter the Reference Number(s) for any constituents in your waste stream subject to treatment. The Reference Number(s) can be found in the EQ Resource Guide, LDR/UHC Constituent Table.

Manifest Line Item	U.S. EPA Hazardous Waste Code (s)	NWW or WW	Subcategory	How Must the Waste be Managed?	Reference Number(s) of Hazardous Constituents contained in the waste. Complete for F001-F005, F039, D001-D043, Soil and Debris wastes.
1	D001	NWW	D001-Ignitable Characteristic Wastes	A	None
2					
3					
4					

I hereby certify that all information submitted on this and all associated documents is complete and accurate to the best of my knowledge and information.

Generator Signature: Kelli BucarinoTitle: OSCPrinted Name: Kelli BucarinoDate: 5/22/14

## How Must the Waste Be Managed?

- S. THIS CONTAMINATED SOIL DOES / DOES NOT CONTAIN LISTED HAZARDOUS WASTE AND DOES / DOES NOT EXHIBIT A  
 (CIRCLE ONE) CHARACTERISTIC OF HAZARDOUS WASTE AND IS SUBJECT TO / COMPLIES WITH THE SOIL TREATMENT STANDARDS  
 (CIRCLE ONE)

AS PROVIDED BY 268.49(c) OR THE UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible

**Land Disposal Restriction & Certification Form**

dilution of the prohibited wastes. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

- A. THIS RESTRICTED WASTE REQUIRES TREATMENT TO THE APPLICABLE STANDARD. This waste must be treated to the applicable performance based treatment standard set forth in 40CFR Part 268 Subpart C, 268.32, Subpart D, 268.40 or RCRA Section 3004(d) prior to land disposal.
- B. THIS HAZARDOUS DEBRIS IS SUBJECT TO THE ALTERNATIVE TREATMENT STANDARDS OF 40 CFR 268.45.
- C. THIS RESTRICTED WASTE HAS BEEN TREATED TO THE PERFORMANCE STANDARDS. I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and base this certification upon my inquiry of those individuals immediately responsible for obtaining this information. I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR part 268 Subpart D, and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d) without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
- D. THIS RESTRICTED WASTE, FOR WHICH THE TREATMENT STANDARD IS EXPRESSED AS A SPECIFIED TECHNOLOGY, HAS BEEN TREATED BY THE SPECIFIED TECHNOLOGY. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.42. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
- E. THIS RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT TREATMENT. I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.
- F. THIS RESTRICTED DEBRIS HAS BEEN TREATED IN ACCORDANCE WITH 40 CFR 268.45. I certify under penalty of law that the debris has been treated in accordance with the requirements of 40 CFR 268.45. I am aware that there are significant penalties for making false certification, including the possibility of a fine and imprisonment.
- G. THIS LAB PACK DOES NOT CONTAIN ANY WASTES IDENTIFIED AT APPENDIX IV TO PART 268. I certify under penalty of law that I personally have examined and am familiar with the waste and that the statement above is true and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification including possibility of fine or imprisonment.
- H. THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.
- I. THIS RESTRICTED WASTE HAS BEEN TREATED TO REMOVE THE HAZARDOUS CHARACTERISTIC AND BEEN TREATED FOR UNDERLYING HAZARDOUS CONSTITUENTS. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that underlying hazardous constituents, as defined in 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting false certification, including the possibility of fine and imprisonment.
- J. THIS RESTRICTED WASTE IS SUBJECT TO AN EXEMPTION FROM LAND DISPOSAL. (Please include the date the waste is subject to the prohibitions in Column 5) This waste is subject to an exemption from a prohibition on the type of land disposal method utilized for the waste (such as, but not limited to, a case-by-case extension under 40 CFR Part 268.5, an exemption under 40 CFR 268.6, or a nationwide capacity variance under 40 CFR 269 Subpart C)
- K. THIS RESTRICTED WASTE WITH TREATMENT STANDARDS EXPRESSED AS CONCENTRATIONS IN THE WASTE PURSUANT TO 268.43, IF COMPLIANCE WITH THE TREATMENT STANDARDS IN SUBPART D OF THIS PART IS BASED IN PART OR IN WHOLE ON THE ANALYTICAL DETECTION LIMIT ALTERNATIVE IN 268.439(c). I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based on my inquiry of those individuals immediately responsible for obtaining information, I believe that the nonwastewater organic constituents have been treated by incineration in units operated in accordance with 40 CFR part 264, Subpart O, or 40 CFR part 265, Subpart O, or by combustion in fuel substitution units operating in accordance with the applicable technical requirements, and I have been unable to detect that nonwastewater organic constituents despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.
- L. THIS DECHARACTERIZED WASTE CONTAINS UNDERLYING HAZARDOUS CONSTITUENTS THAT REQUIRE FURTHER TREATMENT TO MEET UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristics. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.
- M. THIS WASTE HAS BEEN TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR 268.40 TO REMOVE THE HAZARDOUS CHARACTERISTIC AND THE UNDERLYING HAZARDOUS CONSTITUENTS, AS DEFINED IN 268.2(I) HAVE BEEN



## Land Disposal Restriction & Certification Form

TREATED ON-SITE TO MEET THE 268.48 UNIVERSAL TREATMENT STANDARDS. I certify under penalty of law that the above is true. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.